


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☒

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Gate Canyon State 41-19-11-15				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED				
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME GATE CANYON				
6. NAME OF OPERATOR GASCO PRODUCTION COMPANY						7. OPERATOR PHONE 303 483-0044				
8. ADDRESS OF OPERATOR 8 Inverness Dr. East, Suite 100, Englewood, CO, 80112						9. OPERATOR E-MAIL jlongwell@gascoenergy.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-49945			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	481 FNL 987 FEL		NENE	19	11.0 S	15.0 E	S			
Top of Uppermost Producing Zone	481 FNL 987 FEL		NENE	19	11.0 S	15.0 E	S			
At Total Depth	481 FNL 987 FEL		NENE	19	11.0 S	15.0 E	S			
21. COUNTY DUCHESNE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 481			23. NUMBER OF ACRES IN DRILLING UNIT 2524				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 5000			26. PROPOSED DEPTH MD: 15245 TVD: 15245				
27. ELEVATION - GROUND LEVEL 6725			28. BOND NUMBER 4127763			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 41-3530				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	17.5	13.375	0 - 300	48.0	H-40 ST&C	8.3	Type V	400	1.18	15.6
SURF	12.25	8.625	0 - 3000	32.0	J-55 LT&C	8.3	Hi Lift "G"	326	3.91	11.0
							10-2 RFC	185	1.6	14.2
PROD	7.875	4.5	0 - 15245	15.5	P-110 LT&C	12.5	Hi Lift "G"	523	3.05	11.5
							50/50 Poz	1876	1.28	14.1
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Roger Knight			TITLE EHS Supervisor			PHONE 303 996-1803				
SIGNATURE			DATE 07/13/2011			EMAIL rknight@gascoenergy.com				
API NUMBER ASSIGNED 43013508860000			APPROVAL  Permit Manager							

R R
1415
E E

T11S, R15E, S.L.B.&M.

N89°24'56"W - 5235.56' (Meas.)

Marked Stone,
Pile of Stones

Section Corner
Re-Established
Using Bearing
Tree Information

LOT 1

GATE CANYON STATE
#41-19-11-15
Elev. Ungraded Ground = 6725'

481'
987'

LOT 2

19

LOT 3

LOT 4

NORTH - 5280.00' (G.L.O.)

S00°03'E - 2640.00' (G.L.O.)

N00°17'31"E - 2640.99' (Meas.)

Set Marked Stone,
Pile of Stones

S89°54'E - 5167.80' (G.L.O.)

LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNER RE-ESTABLISHED USING BEARING TREE INFORMATION.

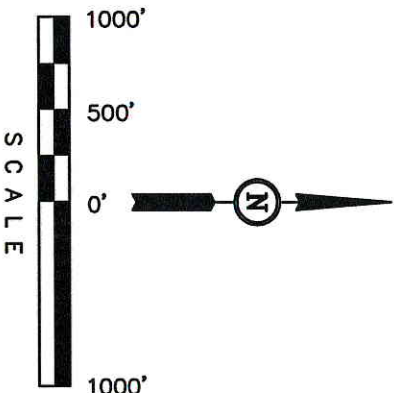
BASIS OF BEARINGS
BASIS OF BEARINGS IS A G.P.S. OBSERVATION.
(NAD 83)
LATITUDE = 39°50'55.01" (39.848614)
LONGITUDE = 110°16'16.73" (110.271314)
(NAD 27)
LATITUDE = 39°50'55.14" (39.848650)
LONGITUDE = 110°16'14.17" (110.270603)

GASCO PRODUCTION COMPANY

Well location, GATE CANYON STATE
#41-19-11-15, located as shown in the NE
1/4 NE 1/4 of Section 19, T11S, R15E,
S.L.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF
SECTION 14, T10S, R18E, S.L.B.&M. TAKEN FROM THE
MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY.
SAID ELEVATION IS MARKED AS BEING 5129 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.
No. 161319



UNTAR ENGINEERING & LAND SURVEYING
86 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 03-24-09	DATE DRAWN: 03-26-09
PARTY J.W. A.P. L.K.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE GASCO PRODUCTION COMPANY	